

IN THE CLAIMS

1-6. (canceled)

*Sub 17*  
7. (currently amended) A mobile communication apparatus, comprising:

a) communication means for transmitting and receiving information signals to and from a base station via radio waves; said base station further transmitting and receiving information signals to and from a service provider through a public line network;

b) input/output means for a user to interact with said mobile communication apparatus; said input/output means comprising a keypad, display means, a speaker, and a microphone;

c) a removable semiconductor memory for storing received information signals;  
and

d) processing means for encrypting the information signals prior to storage in said memory means;

whereby said communication apparatus is operable to receive said information signals from said base station automatically and periodically; and

whereby said removable semiconductor memory is formed of an integrated circuit card having a built-in nonvolatile flash read only memory capable of electrically reading and writing.

8. (previously added) The mobile communication apparatus according to claim 7, further comprising recording/reproducing means for recording information signals input to said memory means and for reproducing information signals stored in said memory means.

9. (previously added) The mobile communication apparatus according to claim 7,  
wherein said public line network is the internet and said base station communicates with said  
service provider using a universal resource locator.

F1 10. (previously added) The mobile communication apparatus according to claim 7,  
wherein said input/output means further comprises a headphone device, whereby said user can  
listen to the information signals processed by said processing means.

11. (previously added) The mobile communication apparatus according to claim 7,  
wherein said information signals include voice data and music data.

12. (previously added) The mobile communication apparatus according to claim 7,  
wherein said display means comprises a liquid crystal display (LCD) having a touch sensing  
screen, whereby the user can input information signals by touching said touch sensing screen.

Sub 17  
Cont 13. (currently amended) An information providing system, comprising:  
a service provider for transmitting and receiving information signals through a  
public line network;  
a base station connected to said public line network for transmitting and receiving  
information signals to and from said service provider; and  
a mobile communication device, having:

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Concl.*
- a) communication means for transmitting and receiving information signals to and from said base station via radio waves;
  - b) input/output means for a user to interact with said mobile communication apparatus; said input/output means comprising a keypad, display means, a speaker, and a microphone;
  - c) a removable semiconductor memory for storing received information signals; and
  - d) processing means for encrypting the information signals prior to storage in said memory means;
- whereby said mobile communication device is operable to receive said information signals from said base station automatically and periodically; and
- whereby said removable semiconductor memory is formed of an integrated circuit card having a built-in nonvolatile flash read only memory capable of electrically reading and writing.

14. (previously added) The information providing system according to claim 13, further comprising recording/reproducing means for recording information signals input to said memory means and for reproducing information signals stored in said memory means.

15. (previously added) The information providing system according to claim 13, wherein said public line network is the internet and said base station communicates with said service provider using a universal resource locator.

16. (previously added) The information providing system according to claim 13, wherein said input/output means further comprises a headphone device, whereby said user can listen to the information signals processed by said processing means.

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17. (previously added) The information providing system according to claim 13, wherein said information signals include voice data and music data.

18. (previously added) The information providing system according to claim 13, wherein said display means comprises a liquid crystal display (LCD) having a touch sensing screen, whereby the user can input information signals by touching said touch sensing screen.

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